

Snowdonia National Park

Forecast valid from 06:00 on Wednesday 18 Jan 2023 until 23:59 on Thursday 19 Jan 2023

Forecast Issued on Wednesday 18 Jan 2023 at 02:31

Confidence: High for the cold conditions continuing through the next few days then a transition to milder weather over the weekend. The details and timing of the transition will be the main forecasting challenge.

Headline for Wednesday 18 Jan 2023: Sleet or snow showers. Windy on the tops. Severe wind chill.

Mountain weather hazards on Wednesday 18 Jan 2023

Blizzards
Medium Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
Low Likelihood

Severe chill effect
High Likelihood

Poor visibility
Medium Likelihood

Thunderstorms
Low Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 800m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
					
Heavy snow showers (night)	Heavy snow showers	Heavy snow showers	Heavy snow showers	Heavy snow showers (night)	Heavy snow showers (night)
Precipitation probability					
50%	50%	50%	40%	40%	30%

Forecast for Wednesday 18 Jan 2023

Weather: Clear or sunny intervals and occasional snow showers. A few of these could be heavy with a slight chance of lightning. Temporary blizzard conditions are also possible on highest tops. Feeling bitterly cold with strong winds on the tops.

Chance of cloud-free hill tops above 800m: 40% becoming 60% in the afternoon.

Low Cloud and visibility: Very good visibility between showers and away from low cloud but suddenly very poor as snow showers come through. Occasional cloud and fog above 400m.

Forecast for Wednesday 18 Jan 2023

Height (m)	Wind Speed mean/gusts (mph)				Wind Direction (blowing from)		
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	32/38 NW	34/42 NW	25/32 NW	28/34 NW	27/33 NW	23/29 NW	19/24 NW
600	20/25 NW	20/28 NW	16/23 NW	17/23 NW	16/23 NW	14/21 NW	10/15 NW
300	13/21 NW	13/26 NW	11/20 NW	12/22 NW	10/20 NW	9/18 NW	5/12 NW
Valley	13/21 NW	14/27 NW	11/21 NW	13/23 NW	11/22 NW	10/19 NW	7/13 NW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	-3/-12	-3/-13	-3/-11	-3/-11	-3/-11	-4/-12	-4/-12
600	-2/-9	-1/-8	-1/-7	-1/-7	-1/-7	-2/-8	-2/-7
300	0/-5	1/-4	2/-3	1/-3	1/-3	0/-4	-0/-3
Valley	1/-4	2/-2	3/-1	3/-2	3/-1	2/-2	2/-2
Freezing Level*	300m	300m	400m	400m	400m	300m	200m

*Level above which ground is expected to be frozen/snow is expected to settle.

Meteorologist's View

Feeling bitterly cold. Difficult conditions at times on exposed high ridges and summits with sudden gusts of 40 to 50mph, especially in showers.

Forecast for Thursday 19 Jan 2023

Weather: Snow showers continuing overnight with a widespread frost expected. Showers becoming less frequent towards midday, with some good clear spells developing inbetween snow showers, however snow risk continues still throughout the afternoon and into the evening.

Maximum wind: West or Northwest 15-20mph.

Chance of cloud-free hill tops above 800m: 60%.

Low Cloud and visibility: Very good visibility between showers and away from low cloud but suddenly very poor as snow showers come through. Occasional cloud and fog above 400m.

Temperature: **Valleys:** Minus 4C rising to 3C.
At 800m: Minus 6C rising to Minus 4C during daytime.
Freezing level: 200m, rising to 400m during daytime.

Friday	Patchy freezing fog in the valleys. Otherwise a bright day with light southeasterly winds and excellent visibility. Freezing level 200-400m.
Saturday	Similar day to Friday with light southerly winds. May become cloudier into the evening. Freezing level 200m, rising to 600m.
Sunday	Low confidence currently, potentially a milder, cloudy day with outbreaks of light rain and drizzle, perhaps preceded by snow on the summits. Strengthening southerly winds. 500m rising to above summits through the day.

Ground Conditions Supplement

Please see - <https://snowdonia.gov.wales/visit/snowdon/yr-wyddfa-ground-conditions-reports/>

Issued at: 02:31 on Wed 18 Jan 2023